ABSTRACT

For use in a multi-protocol Network Management System application for managing a multi-protocol layered transmissions network including a plurality of network elements, a method for generating a model of the multi-protocol layered transmissions network, the method comprising the steps of: determining the protocol layers in the multi-protocol layered transmissions network; and for each protocol layer, mapping out an overlay including the network elements operative in the protocol layer, and at least one physical link and/or the logical links interconnecting pairs of network elements where transport service along a logical link is at least partially provided by a transmission path on a protocol layer directly underlying the protocol layer, and the pair of association links between each logical link and its associated transmission path.